



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jae-Young Jung

Art Unit : 1742

Serial No. : 09/713,775

Examiner : Deborah Yee

Filed : November 15, 2000

Title : MARTENSITIC STAINLESS STEEL HAVING HIGH MECHANICAL STRENGTH AND CORROSION

Commissioner for Patents
Washington, D.C. 20231

6/0
2/19/02

RESPONSE TO OFFICE ACTION DATED SEPTEMBER 27, 2001

In response to the office action dated September 27, 2001 ("the Office Action"), please amend the application as follows:

In the claims:

Amend claims 1, 3, 5, and 7 as follows:

1. (Amended) A martensitic stainless steel comprising less than 0.06 wt.% C, less than 2.5 wt.% Si, less than 2.5 wt.% Mn, 1.0-6.0 wt.% Ni, 10.0-19.0 wt.% Cr, 0.5-6.0 wt.% W, less than 3.5 wt.% Mo, less than 0.5 wt.% Nb, less than 0.5 wt.% V, less than 3.0 wt.% Cu, 0.11-0.25 wt.% N, and the remainder being Fe and minor impurities.

3. (Amended) A martensitic stainless steel comprising less than 0.035 wt.% C, less than 2.0 wt.% Si, less than 2.0 wt.% Mn, 1.5-4.5 wt.% Ni, 12.0-16.0 wt.% Cr, 0.5-4.5 wt.% W, less than 2.5 wt.% Mo, less than 0.3 wt.% Nb, less than 0.3 wt.% V, less than 2.0 wt.% Cu, 0.11-0.25 wt.% N, and the remainder being Fe and minor impurities.

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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February 27, 2002

Lisa G Gray

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